

What is claimed is:

1. A modular jack mounted on a mother board, comprising:

an insulative housing defining a receiving space;

a terminal module received in the receiving space and comprising a plurality of terminals, each terminal comprising a mounting portion, an inclined contacting portion extending from a front end of the mounting portion and a tail portion extending rearwardly from a rear end of the mounting portion; and

an electronic component assembled in the insulative housing to eliminate noise and comprising a plurality of upper contacts for connecting with the tail portions of the terminals, and a plurality of lower contacts for connecting with the mother board.

2. The modular jack as described in claim 1, wherein each of the upper contacts of the electronic component comprises a fork-shaped mating portion defining a receiving groove for receiving corresponding tail portion of the terminal.

3. The modular jack as described in claim 1, wherein the tail portion of each terminal is fork-shaped and defines a receiving groove for snugly receiving a corresponding upper contact.

4. The modular jack as described in claim 1, wherein the electronic component comprises a main base for retaining the upper and lower contacts, a plurality of middle contacts mounted on the main base, a filter printed circuit board assembled on the main base for connecting with the lower contacts and the middle contacts and a magnetic coil assembled on the main base for connecting with the upper contacts, the middle contacts and the lower contacts.

5. A modular jack assembly comprising:

an insulative housing defining upper and lower receiving spaces and a rear receiving space therein;

upper and lower terminal modules respectively disposed in the corresponding upper and lower receiving spaces with a plurality of contacts thereof;

a pair of electronic components retainably spatially located in said rear space, each of said electronic components including a base with a filter printed circuit board and magnetic coil, a plurality of upper contacts located on an upper portion of the base and engaged with the corresponding contacts, respectively, and a plurality of lower contacts located on a lower portion of the base and extending downwardly

beyond a bottom face of the assembly to assemble to a main printed circuit board on which the assembly is seated.